

Circulate

Ron

Brian

February 28, 1977

Mr. Harvey P. Cahoon
Assistant General Manager
9210 South 5200 West
West Jordan, Utah 84084

Re: Big Cottonwood Pit
ACT/035/003

Dear Mr. Cahoon:

The opportunity to inspect this mine was enlightening to both Mr. Buck, and myself.

While we have a good idea of the mining procedures which you have planned here, it is essential that we ask you for more detail in the mining and reclamation activities which you have outlined in the plan. We ask for this so that the plan clearly sets out the contemplated activities and you are not asked to do more, or less, work when final reclamation takes place.

Our suggestions to the plan are as follows:

<u>ITEM</u>	<u>SUGGESTION</u>
11 (a)	Describe mining sequence
(b)	State that roads are temporary, local use roads and that no maintenance is required due to sporadic operation of the pit
(c)	State that this was done in the early years of pit development
(d)	State that topsoil has been stockpiled in the dump area
(e)	Describe existing dump
(f)	Describe the grading, scarifying, and seeding procedure

GRADING AND REGRADING

- (a) Submit a typical cross section of regrading of the pit (see item 'd' for our regrading recommendations)

GRADING AND REGRADING

- (b) State that topsoil will not be spread on the regraded material but regraded material will be the plant support medium
- (c) Commit to mulching, fertilizing, and/or scarifying if needed to establish plants
- (d) State that dump drainage will be facilitated by a slight outslope of dump surface. Drainage of the outslope in the actual mine pit might best be handled by leaving about 1/2 of the width of the existing benches in place to encourage water infiltration and also allow more vigorous plant establishment on the benches rather than leaving a smooth 45° slope. Small benches will leave a more favorable environment for plant establishment. We can discuss this point further if you feel that you need further input on what to enter in this category
- (e) 45°

TESTING

- 1. State that this will be based on experience with local fill material
- 2. State that mulch or fertilizer will be used, if warranted, to establish vegetation

REVEGETATION

- 2. Add that mulch will be used if needed @ 1 ton per acre
- 3. For diversity in the seed mix in broadleaf plants and forbs add 1 part alfalfa (nomad) and 1 part serviceberry.

These are our suggestions for this plan, we are open to negotiations on the points mentioned if you have what you feel is a more viable alternative.

Let us know if we can answer any questions.

Very truly yours,
DIVISION OF OIL, GAS, AND MINING

RONALD W. DANIELS, COORDINATOR
OF MINED LAND DEVELOPMENT